

In the claims:

1 1. In a radio communication system having a mobile node operable to
2 communicate with a network part of a communication network, and the radio
3 communication system having at least a first service center to which a call, originated at
4 the mobile node, is routable by way of the network part, an improvement of apparatus for
5 facilitating placement of the call to a selected service center of the at least the first service
6 center, said apparatus comprising:

7 a network-positioned code-delivery detector adapted to receive a network-part
8 identifier code that identifies at least the selected service center of the at least the first
9 service center, said network-positioned code-delivery detector for detecting values of each
10 network-part identifier code received thereat; and

11 an identifier-code broadcast scheduler coupled to said network-positioned code-
12 delivery detector to receive indications of the values detected thereat, said identifier-code
13 broadcast scheduler for scheduling at least a selected broadcast of the values throughout at
14 least a portion of an area encompassed by the network part.

1 2. The apparatus of claim 1 wherein said network-positioned code-delivery
2 detector is embodied at the network part through which the call to the selected service
3 center is routable.

1 3. The apparatus of claim 2 wherein said identifier-code broadcast scheduler is
2 further embodied at the network part through which the call to the selected service center is
3 routable.

1 4. The apparatus of claim 3 wherein the radio communication system operates
2 pursuant to an operating specification that defines a cell broadcast center and wherein said
3 network-positioned code-delivery detector and said identifier-code broadcast scheduler are
4 embodied at the cell broadcast center.

1 5. The apparatus of claim 4 wherein the operating specification pursuant to
2 which the radio communication system operates comprises a GSM/3PP (Global System for
3 Mobile communications/Third Generation Partnership Project) operating specification and
4 wherein the cell broadcast center at which said network-positioned code-delivery detector
5 and said identifier-code broadcast center are embodied comprises a GSM/3PP-compliant
6 cell broadcast center.

1 6. In the radio communication system of claim 1, a further improvement of
2 communication-network apparatus also for facilitating placement of the call to the selected
3 service center, said communication-network apparatus comprising:
4 a computer-network-positioned retriever for retrieving the network-part
5 identifier code that identifies at least the selected service center and for providing values
6 thereof to said network-positioned code-delivery detector.

1 7. The apparatus of claim 6 further comprising a data base element at which
2 the values of the network-part identifier code that identifies at least the selected service
3 center are stored and wherein said retriever retrieves the network-part identifier code by
4 accessing the values stored at said data base element.

1 8. The apparatus of claim 7 wherein a mnemonic is further associated with the
2 network-part identifier code and wherein values representative of the mnemonic are stored
3 at said data base element.

1 9. The apparatus of claim 1 wherein the network-part further comprises at
2 least a first base transceiver station and a base station controller, and wherein said
3 identifier-code broadcast scheduler provides indicia of the scheduling scheduled thereat to
4 the base station controller to cause effectuation of the at least the selected broadcast of the
5 values throughout the at least the portion of the area encompassed by the network part.

1 10. The apparatus of claim 9 wherein the at least the selected broadcast
2 scheduled by said identifier-code broadcast scheduler is scheduled for broadcast at selected
3 intervals.

1 11. The apparatus of claim 9 wherein the radio communication system operates
2 pursuant to an operating specification that defines a cell broadcast channel and wherein the
3 at least the selected broadcast scheduled by said scheduler is caused to be broadcast upon
4 the cell broadcast channel.

1 12. In the radio communication system of claim 9, a further improvement of
2 mobile-node apparatus, also for facilitating placement of the call to the selected service
3 center, said mobile-node apparatus comprising:

4 a mobile node-positioned code-broadcast detector for detecting
5 values of the at least the selected broadcast caused to be broadcast responsive to the
6 scheduling scheduled by said identifier-code broadcast scheduler.

1 13. The apparatus of claim 12 further comprising an indexer embodied at the
2 mobile node and coupled to said mobile node-positioned cell-broadcast detector, said
3 indexer for indexing values of the network part identifier code detected by said mobile
4 node-positioned code-broadcast detector together with values of at least a first mobile-node
5 identifier code.

1 14. The apparatus of claim 13 wherein the mobile node further comprises a user
2 input actuator actuable by a user of the mobile node, wherein said apparatus further
3 comprises a transposer coupled to the user actuator and to said indexer, said transposer
4 operable responsive to actuation of the user input actuator with values of a mobile-node
5 identifier for transposing the values into corresponding values of a network-part identifier
6 code.

1 15. In a method of communicating in a radio communication system having a
2 mobile node operable to communicate with a network part of a communication network,
3 and the radio communication system having at least a first service center to which a call,
4 originated at the mobile node, is routable by way of the network part, an improvement of a
5 method for facilitating placement of the call to a selected service center of the at least the
6 first service center, said method comprising:

7 maintaining values, at the network-part, of at least a first network-part
8 identifier code that identifies at least the selected service center of the at least the first
9 selected service center; and

10 scheduling at least a selected broadcast of the values maintained during said
11 operation of maintaining throughout at least a portion of an area encompassed by the
12 network part.

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1 16. The method of claim 15 further comprising the operation of broadcasting
2 the at least the selected broadcast scheduled during said operation of scheduling.

1 17. The method of claim 16 further comprising the operation of detecting, at the
2 mobile node, the values broadcast during said operation of broadcasting.

1 18. The method of claim 17 further comprising the operation of: indexing, at
2 the mobile node, at least a first mobile-node identifier code that identifies, at the mobile
3 node, the at least the first service center, together with a corresponding at least first
4 network-part identifier code, values of which are detected during said operation of
5 detecting.

1 19. The method of claim 18 further comprising the operations of: entering, at
2 the mobile node, values of a selected mobile-node identifier code of the at least the first

3 mobile-node identifier code; and transposing the values into a corresponding network-part
4 identifier code indexed together therewith.

1 20. In a radio communication system having a mobile node operable to
2 communicate with a network part of a communication network, and the radio
3 communication system having at least a first service center to which a call, originated at
4 the mobile node is routable by way of the network part, an improvement of apparatus for
5 facilitating placement of the call to a selected service center of the at least the first service
6 center, said apparatus comprising:
7 a mobile node-positioned code-broadcast detector for detecting values of a
8 broadcast to the mobile node of at least a first network-part identifier code that identifies
9 the at least the first selected service center; and
10 an indexer coupled to said mobile node-positioned code-broadcast detector,
11 said indexer for indexing values of the network-part identifier code detected by said mobile
12 node-positioned code-broadcast detector together with values of at least a first mobile-node
13 identifier code.